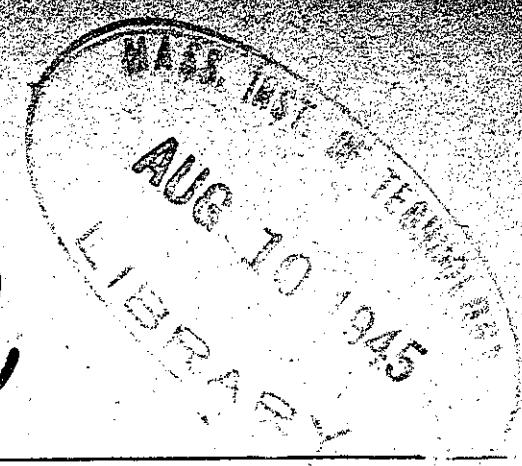


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The Tech



LXV, No. 25

CAMBRIDGE, MASS., FRIDAY, AUGUST 10, 1945

PRICE FIVE CENTS

968 Students Are Registered This Summer

Freshmen Compose
Largest Tech Class
Since Institute Began

Registration figures for this term, released by the Records Office, show a total registration at the Institute of 1,968 students, including both graduate and undergraduate students. There are 1,590 undergraduates and 378 graduate students.

The biggest class is the first term freshman class with 583 registrants. Class of 10-47 has 120 men left last term, and that of 6-47 has forty-two civilians and the same number of V-12's. (There are no seniors in either of the freshman classes.) Twenty-nine Navy men and one hundred and sixty civilians make second term Sophomore bring the total of men in the sophomore class to 233.

Class of 10-46 boasts of fifty-
(Continued on Page 2)

Dorm Committee Holds Open House

The Dorm Committee's annual Day "open house" is to be held from 2:00 P.M. to 1:00 A.M. on August 5, according to a decision made by the committee at its meeting on Friday, August 6. This is a considerable extension of time formerly allowed to the event as in past years the hours were usually from 4 P.M. to 12:00 P.M. The decision is subject to approval by the Faculty Board.

The Dorm Committee, in an effort to stimulate interest on the part of the students of the dormitories in its activities, goals, and functions, has appointed a committee for this purpose. James B. Prigoff, 2-47, is chairman and the members include: Alan N. Holland, Jr., 2-47, Donald P. Tullin, 2-46, Charles H. 10-45, and Alan Gruber, 10-45. In order to stimulate such interest it was also decided that the Hall

(Continued on Page 4)

Veterans Meet On Wednesday

Organization's Charter,
Plans To Be Discussed

A general meeting of all veterans of World War II registered at the Institute will be held in Room 6-120 next Wednesday, August 15, at 5:00 P.M. Alan P. Taplin, 2-48, who has been working in close co-operation with the Institute Committee's Veterans' Committee, has been in charge of the organizational work for the meeting.

According to figures elsewhere in this issue, there are approximately a hundred veterans at Technology, and Taplin urges every one of these men to come to the meeting, as it concerns all of them. The meeting will have as its main purpose

(Continued on Page 4)

Tau Beta Pi To Initiate Nine New Men August 20

Nine Tau Beta Pi pledges will be formally initiated into the national honorary engineering fraternity on Monday, August 20, at 5:00 P.M. in the Moore Room of the Smith House. Preceeding formal initiation, each neophyte will be required to make a wooden model of the bent, the Tau Beta Pi fraternity key, twenty times the actual size. Each of the pledges will also be required to write a non-technical theme of interest to engineers. Five dollar prizes will be awarded to the pledges making the best model bents and writing the best themes.

(Continued on Page 4)

The Techtonians, Field Day Dance Band, Promise An Entertaining Debut August 25

The Techtonians, soon to hold forth at the Field Day Dance, are about the most representative, and from early indications, one of the most promising bands to come out of the hallowed halls of the old Alma Mater for many a long year. Fraternities, the Navy, the Dorms, and the female contingents of the student body will all have a share of the spotlight on the evening of the 25th of August when hostilities (?) formally cease and Juniors, Sophomores, and freshmen (not so

President Karl Compton Leaves Institute For War Work In Pacific

Dr. Killian To Serve
As Acting President
For 6 Month Period

President Karl T. Compton has recently left the Institute to assume the directorship of the Office of Scientific Research and Development in the Pacific theater of war. At present Dr. Compton is in Manila, Philippine Islands. The Executive Committee of the M.I.T. Corporation, which granted Dr. Compton a six months' leave of absence, has appointed Dr. James R. Killian, Jr., formerly Executive Vice-President, to serve as Acting President of the Institute.

Discusses Atomic Bomb

Under Dr. Compton's directorship, the Pacific Branch of the O.S.R.D. will mobilize the field service activities which will be the final stage in co-ordinating and applying the efforts of the civilian scientists and engineers.

In a recent interview in Manila, Dr. Compton stated that he thought

(Continued on Page 3)

Options For I.F.C. On Sale Next Week

Dance Scheduled For
Sept. 28 At Statler

Options for the I. F. C. Dance will go on sale next Wednesday, Thursday and Friday, August 15 through 17, from 10:00 A.M. until 2:00 P.M., in the Lobby of Building 10, according to an announcement made recently by Carroll W. Boyce, 10-44, I.F.C. Dance Chairman. They will be redeemable during the week of September 10.

The price of options will be \$3.00. The final price of tickets has not yet been decided, but will be announced in the near future.

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(Continued on Page 3)

The Tech



Vol. LXV

Friday, August 10, 1945

No. 25

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A NEW ERA

For years scientists have tried to release the tremendous energy contained in the atom. To generations of scientific minds the utilization of this power has been a goal toward which to turn their efforts. Last Monday the fruit of these years of labor burst upon the Japanese with terrible fury. Sixty per cent of the arsenal city of Hiroshima disappeared in a terrific pall of swirling dust and smoke.

To many people this news was filled with terrible import. It is indeed unfortunate that a discovery, which in time of peace would be hailed as a great contribution to the welfare of mankind, should make its debut as the most devastating weapon of destruction yet wrought by human hands. We feel that there is no sense in claiming that this invention will end war; claims like that do not affect the impulses that send men into the turmoil of battle. We can only hope that men will think of the terrible consequences before they loose the furies of future wars upon this earth.

In spite of all the havoc that the initial use of atomic power has created, this power is indeed a benefactor of mankind. Science has unlocked another door to the mysteries of nature; what lies behind that door remains to be seen but certainly there is contained there knowledge of inestimable benefit to the welfare of man. Another great source of energy has been uncovered, and, if a means to harness this tremendous energy is found, the possibilities are countless.

Mankind has been handed a tremendous responsibility. Never before has man held the power to commit mass suicide.

We cannot but hail one of the greatest scientific advances in the history of the world—an advance in which Technology men played a most important part. We cannot but be struck with awe and fear when we view what we have created. In making available atomic power we may have served mankind by enriching his life—or we may have given mankind a weapon with which he may commit mass suicide. We hope and pray that the former will be the case. At any rate, if mankind is not

Registration Data

(Continued from Page 1)

eight civilians and about twice as many apprentice seamen—118 to be exact. Then there are ten civilian members and seventeen uniformed members composing the smallest class at Technology at present, that of 6-46.

In the Senior class there are 244 V-12's, the largest Navy class, and 207 civilians. Of these men, thirty-nine graduate in October of this year.

There are 361 first term graduates and 17 second term ones. The latter are all in Course XIII-A. This makes a total of 1538 civilians and 430 Navy men.

A Few Comparisons

This year's number of registrants is a far cry from the number that were registered when our Seniors registered for the first time. The present total of 1968 is not even half of the 4,500 mark of July, 1943, which was Technology's record. One has to search as far back as the year following the last war to find so small a number enrolled as there are now. Last year at this time there were 1,344 civilians, which means that registration is increasing, following the end of II-A deferments and the subsequent evacuation of civilians to Army posts and Navy boot camps. The cause for the total registration last summer being bigger than this summer's (2,244 as compared with 1,968) is that there were 900 V-12's enrolled then.

Another factor showing that enrollment is climbing to 1943 figures and higher is the size of the freshmen classes in the three past years. In the summer of 1943, 585 students were admitted, in 1944, it was 478, and this year it is up to 703.

This year there are about one hundred veterans and two hundred and seventy-five foreign students listed.

Half a Century Ago

Looking back to middle of the eighteen eighties, which is as far back as information is available in *The Tech*, since the paper was then in only its third year of publication, a much smaller student body is in evidence.

For the year 1882-3, there were 114 freshmen registered, and a total of 405 students. In 1883-4, there were 561 students, including a freshman class of 166. And in 1884-5, registration mounted to 699, with 228 freshmen.

In 1884, there were but ten courses

to be completely destroyed, the use of atomic energy must be closely supervised by some form of international organization in which common sense and a feeling of huge responsibility for the world far outweigh petty political aims.

man about tech

... it seems that war was waged in all its fury on the Fenway week. Until peace was finally made the Chi Phis and the Phigees engaged in attack and counterattack with great violence.

... according to a Chi Phi munique on the "incident" two of their members were peacefully pairing a motorcycle in their yard when they were deluged with water by a pair of Phigee freshmen. To add insult to injury the assailants then hurled the bucket down narrowly missing one of the Phis. A further attack with pedoes, designed to ignite the line from the motorcycle, failed.

... by this time the Chi Phis decided that this was more than a mere border skirmish, and, though formal hostilities had been declared, decided to retaliate. This retaliation consisted of ringing all the master fuses of the enemy domicile, thus rendering them without electrical power.

... the counterattack was started by a traitor, the Phigees gained entrance to the Chi Phi house and stole all the circuit fuses and silverware. Then, on the suggestion of the Quisling, they poured water down the Chi Phi chimney flooding the kitchen. This brought attack on the Chi Phis from the other side—the cook complained vigorously about the inundation of her domain.

... the end of the war was in sight. In spite of the traitorous aid given them the attackers were repelled and peace was declared. This ended the Battle of the Fenway.

offered at the Institute on Boylston Street in the School of Industrial Science—the school that is the present day Institute formed from. At that time the enrollment of regular students in courses was as follows: Civil Engineering—30; Mechanical Engineering—54; Mining Engineering—29; Architecture—10; Chemistry—21; Electrical Engineering—Natural History—0; Medicine—Physics—1; and General Courses—

These figures do not include freshmen, who, as now, were in any department, but all took the same course.

Sophs And Juniors Will Lack Strength

Track Trials Run Off; 24.4 Best Time In 220

The developments in Field Day trials preparation still find the Sophomores and Juniors working with an inferior number of men than compared to the frosh turn-out.

The experience of the upper-classmen, however, is not to be overlooked in predicting the outcome of the Field Day competition. In crew and sailing in particular, Sophs and Juniors appear likely to cash in on the benefit of a year's competition. The situation in swimming and softball, however, is different, however, for in both of these sports the greater field of candidates may be decisive in tipping the scales in the favor of the frosh. Coach Oscar Hedlund has begun putting up his track forces by running time trials during the past week. The best time turned in by upper classmen for the 220-yard dash was 24.4 seconds, by Robinson and Ingraham; the best set by the frosh was Tinsley's 25.2 seconds. The Sophs and Juniors have twelve men with a time of 25.0 or better, while the frosh top five are 26.4 or above.

Track Team Places Second In N.E. Meet

Starting a small squad of men in the New England A.A.U. games at Russell Field last Saturday, Tech placed in several field events, and the mile run.

John Jameson placed first in tossing the caber and captured a third place in the 56-pound weight. Freshman Gibson was rewarded with a win in the shot, as the result of a 40-foot, 4½ inch heave. M.I.T. pre-arranged in this event, as Walter Royce scored a second and Howroyd took third.

In the mile run John Serrie ran second to Hanley of Dartmouth. Sattler, a freshman, placed second in the high jump.

Netsters Play At Harvard After 6-2 Loss At Davisville

Pitted against an experienced squad of Navy construction men at Davisville, R. I., last Saturday, the Tech netters absorbed their first loss of the season by the score of 6-2. The team is to encounter the Crimson team at Harvard at 1:00 P.M. this Saturday.

In the Davisville match, Tech's first five men were downed by their capable opponents. Kornreich and Coulton bowed, 1-6, 1-6, and Zimmerman was turned back by a 3-6, 4-6 count. Fried toiled three hours before capitulating, 4-6, 7-5, 11-13. Roberts came through with the lone singles victory, 6-4, 6-3.

After Coulton and Kornreich dropped the first doubles, Zimmerman and Gordon came through in the second doubles to bring the final score to 6-2.

Outing Club Will Sponsor Two Trips This Week End

M.I.T. Outing Club activities for this week end include a trip to the Quincy Quarries, and a canoe trip on the Concord River. The group going to the Quincy Quarries will assemble on the steps of Walker Memorial at 9:00 A. M. Sunday. Activities for the day will consist of rock climbing, and swimming in the quarries.

Another group will meet on the steps of Walker Memorial at 8:30 A.M. Sunday for a canoe trip on the Concord River with a group of girls from Simmons College. Swimming and canoeing will make up the day's recreation.

The Club has announced that it possesses an American Youth Hostel pass, which it will lend to any group of members on request. Application should be made at the Outing Club office at least a week in advance.

Techtonians

(Continued from Page 1)

Ernest P. Klipfel, 2-48, and George Dodaro, 2-48, complete the trumpet section with the experience of a number of high school and summer bands behind them.

Massachusetts' gift to the group and the freshman class is in the person of "Jerry Sapolsky," the female vocalist. She is a veteran of Army camp shows and benefit performances. First hand accounts testify that Jerry knows her way around a microphone.

A strong sax section, featured by the Techtonians include William Seibert, Kenneth G. Mathews, Dean A. Samaitas, and Alan G. Bates. All are veterans of local combina-

BEAVER KEY RESULTS

Phi Kappa Sigma forged to the lead at this early juncture in the Beaver Key softball tournament, winning its second victory in two starts by defeating the Old Dorms, 8-5. In another game played this week, Sigma Alpha Epsilon trounced Chi Phi to an 8-2 tune.

The Beaver Key softball committee has made a special request that umpires assigned to cover the games be sure to carry out their assignments. This is obviously of extreme importance to the success of the tournament.

Tech Sails Danmark Meet This Sunday

The Tech sailing team journeys to Coast Guard this week end for the first major meet of the summer term, the Danmark Trophy. Sailing in the first slot for Tech will be Leigh Brite, while the second position will be handled by Bromfield, Greenbaum, and La Fountain.

In the annual release from the Inter-Collegiate Yacht Racing Association concerning competition for the 1944-45 season, M.I.T. held the top spot in major events, accumulating a score of nineteen, three points better than second-place Coast Guard. Tech achieved a total of sixteen wins—covering all competition for the year—during the season.

In individual scoring Tech placed three men. Dick Worrell led the field with a percentage of .863. Ranking third was Chuck Bloomer, with a mark of .810, while Leigh Brite copped the sixth spot with a .762 record.

tions and they work well together.

Jan L. Wittlinger, another V-12'er, does his share of the work on the ivories and also takes care of the male vocals. A swing accordionist, John S. Serafini from Cleveland, Ohio, sits in with the boys that beat out the time and swings out at the proper time with abandon. Robert Crane, working on the drums, Warren N. Barr, slapping the bass, and Maurice A. Babcock, U.S.N.R., a man of many talents (Bass, Spanish and Hawaiian guitars, fiddle, and trumpet) complete the rhythm group, to the satisfaction of all.

Three slide trombones, activated by Dean L. Morehead, David Smedly, and Barry Bloom lend some fine variations to the band and more than hold up their end.

All anyone else has to do is dance.

First Set Over In B.K. Tourney

Softball Teams Now In Second Round Of Play

After two weeks of play the Beaver Key Softball Tournament is well under way, with results recorded for the first round of games in all five leagues. The winners in the five separate divisions will ultimately vie for the championships.

Returns on the initial games, of July 25, found Theta Chi edging out the New Dorms team, 2-1, and S.A.E. getting a decision over Phi Kappa by forfeit. Phi Sigma Kappa won over the Dekes, and the Phi Kappa Sigs crushed the Sammies, 16-3. Phi Gamma Delta steamrolled Pi Lambda Phi, 18-5, while Phi Beta Epsilon succumbed to Phi Delta Theta, 9-2. The Old Dorms team routed A.T.C. by the score of 18-3.

Results turned in during the past week found Phi Kappa Epsilon an 8-5 victor over the Old Dorms team. S.A.E. chalked up its second success by downing the Chi Phi team, 8-2.

250 Men Finish N.A. Shore School

The Shore School which began on July 16, sponsored by the Nautical Association, terminated the end of last month. Two hundred and fifty candidates, broken into two groups, met in Room 2-390 and at the Sailing Pavilion every afternoon for two weeks. If there are enough interested in the near future, another schooling session will be started.

Candidates for the Sophomore and freshman Field Day sailing teams have been practicing regularly at the Pavilion. There is still a need for Sophomore skippers, as well as for freshmen who have had experience in sailing.

Dr. Compton

(Continued from Page 1)

that the new "atomic bomb" would have a tremendous influence in shortening the Japanese war. Dr. Compton, who was one of the scientists who contributed towards the development of this new weapon of war, said that in spite of the terrific potency of the new bomb, it was his opinion that it would actually reduce the number of lives lost in the war.

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts.
Boston, Massachusetts

Services 10:45 a.m. and 7:30 p. m.;
School 10:45 a. m.; Wednesday eve-
nings at 7:30, which include testi-
monies of Christian Science healing.

Reading Rooms—Free to the
Public, 8 Milk St.; 84 Boylston St., Little Building, Street
Floor; 60 Norway St., corner
Massachusetts Ave.; 1316 Beacon Street, Coolidge Corner.
Authorized and approved lit-
erature on Christian Science
may be read or obtained.



Central Library To Have Display On Basic English

There is now a display of books and articles on Basic English in the Central Library which will continue until the end of this month. The Basic English language has been used considerably in this country during the war as a means of instructing foreign students in technical matters because it is so very simple for the foreign student to learn and for the native born instructor to learn to use.

Basic English consists of a general vocabulary of eight hundred and fifty English words which can be used to express every sort of existing or feeling action, and the names of all the common things. In addition, special technical vocabularies of approximately fifty words apiece in the various branches of science and engineering, and in mathematics and architecture, can be easily mastered by the foreign student to enable him to discuss every phase of that subject. This simplicity of vocabulary is what makes it highly feasible that Basic English will become the universally recognized international language when the war is over.

Veterans' Comm.

(Continued from Page 1)

pose the formation of a Veterans' Organization at the Institute. Taplin has headed a committee which has already drawn up a provisional charter for the proposed organization under the aegis of Prof. Leicester F. Hamilton of the Chemistry Department. When final organizational work is completed, the charter will be submitted to the Institute Committee for formal approval.

The purpose of the organization, Taplin has stated, will be to promote good feeling between the veterans and the rest of the student body, and between the veterans and the faculty. In terms to come,

Beer To Flow Like Water In Lobby Of Building 10

The days of ultimate contentment are near. Within a matter of weeks, it is rumored, a freshman staggering from an 8:01 quiz on Friday morning will be met in the Lobby of Building 10 by a smiling hostess passing out free glasses of cool, foamy beer. No longer will a Senior have to brave the perils of Boston's subways to drown his troubles in several of Jackie's massive seidels of dark lager. For last week the Massachusetts Institute of Technology bought the Cold Spring Brewery in Lawrence. May this be the first of a long series of steps in the right direction.

Alpha Chi Sigma Holds Beach Party

Approximately thirty-five members of Alpha Chi Sigma, the honorary chemistry fraternity, and their guests held a beach party at Ipswich last Sunday. Also in the trucks which hauled the group to their destination was a supersaturated supply of beer and hot dogs for the party to experiment with.

During the course of the day a softball game was arranged with Theta Delta Chi fraternity, which also happened to be on hand. The game, which was hotly contested because of the case of beer which had been wagered on the outcome, was won by Alpha Chi Sigma by a score of 3-0.

with more and more veterans coming to the Institute, such an organization will doubtless have an important position in student affairs.

The Veterans' Committee appointed by the Institute Committee, under the chairmanship of Robert E. Spoerl, 2-46, has done much of the preliminary work necessary for the formation of the Veterans' Organization.

The Veteran's Flower Shop

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QUALITY FLOWERS AT LOWEST PRICES

7 Roses—\$2.50

3 Gardenias—\$2.50

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FREE DELIVERY

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CALL HUB. 4714

Field Day Rallies Planned For Week Preceeding Event

Plans for the coming Field Day are rapidly being completed, with both freshman and Sophomore rallies tentatively scheduled for the first part of Field Day week itself.

Field Day officials have requested everyone interested in being a cheerleader for Field Day to see Stanley J. Goldstein, 2-46, Walker Memorial Chairman, early next week, August 13, 14, or 15. Freshman co-eds and any other co-eds who have been, or desire to be cheerleaders, are especially urged to contact him on one of these days. Cheerleaders are as much a part of the spirit of Field Day as the participants.

Eligibility cards for Field Day are due by Friday, August 17, at the latest. Sophomores and Juniors are asked to get their cards in even if they won't be able to make it for practice every night, as their teams are badly in need of men.

Something new and different in the way of Field Day rallies is in the wind. There is a possibility of a really hot bonfire rally for both freshmen and Sophomores on the eve of Field Day.

Tau Beta Pi

(Continued from Page 1)

In addition to the eight pledges previously announced, Robert F. Hoffman, 2-46, was pledged early this week.

Dorm. Comm.

(Continued from Page 1)

Chairmen should hold monthly meetings with their respective Floor Chairmen.

Other business included the election of Mark Smith, 2-48, as Hall Chairman of Walcott and the confirmation of the Floor Chairmen in Goodale.

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42 BROMFIELD ST.
BOSTON, MASS.

Voo Doo Smoker Held August 8

A Voo Doo Smoker was held on Wednesday, August 8, at 5:00 P.M., in the 5:15 Club Room. A number of freshmen and upperclassmen attended. Entertainment was provided.

'Arsenic & Old Lace' To Be Presented On August 17-18

Dramashop Production
Provided With Corpses
And Other Accessories

Curtain time is 8:30 P.M. on day and Saturday, the 17th-18th of August, for the Dramashop presentation of Joseph Kessel's comedy, "Arsenic and Old Lace." The New England Mutual Hall Copley Square has been chosen the theater for this, the fourth Dramashop production. Tickets cost \$1.20, tax included, may be purchased either at T.C.A., Information Office, or Dramashop members.

Rehearsals for this term's production started on the 16th of "Arsenic and Old Lace," still foreground from its recent Broadway and movie successes, chosen because of its adaptability to amateur dramatization. Entering freshmen, Mary R. Ory and Robert L. Stern and handle the important roles of Martha and Einstein. Robert Abelson, 10-47, also making his appearance, will take over Boris Karloff left off in the travesty of Jonathan. Other leading roles are held by veteran shoppers Durga Bajpai, Eleanor Dorste, 10-46, Robert Connor, V. Wade, 6-45. The supporting cast is made up largely of those previous Dramashop experience.

Two old ladies, who ply their guests with fatally spiked berry wine, provide the foundation upon which the play is built. The noble motive of these right ladies is to eliminate the "surplus" of elderly bachelors. Despite high standards of respectability demanded, a total of twelve couples amassed before the curtain. The play goes on from there.

I.F.C.

(Continued from Page 1)

The dance will be held on September 28, from 9:00 P.M. to 1:00 A.M., in the Imperial Ballroom of the Hotel Statler. The band which will play for the dance is yet known.

Arrangements for Saturday parties are currently being made by the I.F.C. It is anticipated they will be completed in two weeks, at which time details will be announced.